

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-126 (Cancelled).

127. (Previously Presented) A nucleic acid comprising a codon-optimized nucleotide sequence that encodes the protein encoded by the nucleic acid sequence of Fig. 29C (SEQ ID NO:37).

128. (Previously Presented) A vector comprising the nucleic acid according to claim 127.

129. (Previously Presented) A composition comprising the nucleic acid according to claim 127 and a carrier.

130. (Previously Presented) A method of inducing an immune response in a mammal comprising administering to said mammal an amount of the nucleic acid according to claim 127 sufficient to effect said induction.

131. (Previously Presented) A nucleic acid comprising the nucleotide sequence set forth in Fig. 29C (SEQ ID NO:37).

132. (Previously Presented) A vector comprising the nucleic acid according to claim 131.

133. (Previously Presented) A composition comprising the nucleic acid according to claim 131 and a carrier.

134. (Previously Presented) A method of inducing an immune response in a mammal comprising administering to said mammal an amount of the nucleic acid according to claim 131 sufficient to effect said induction.